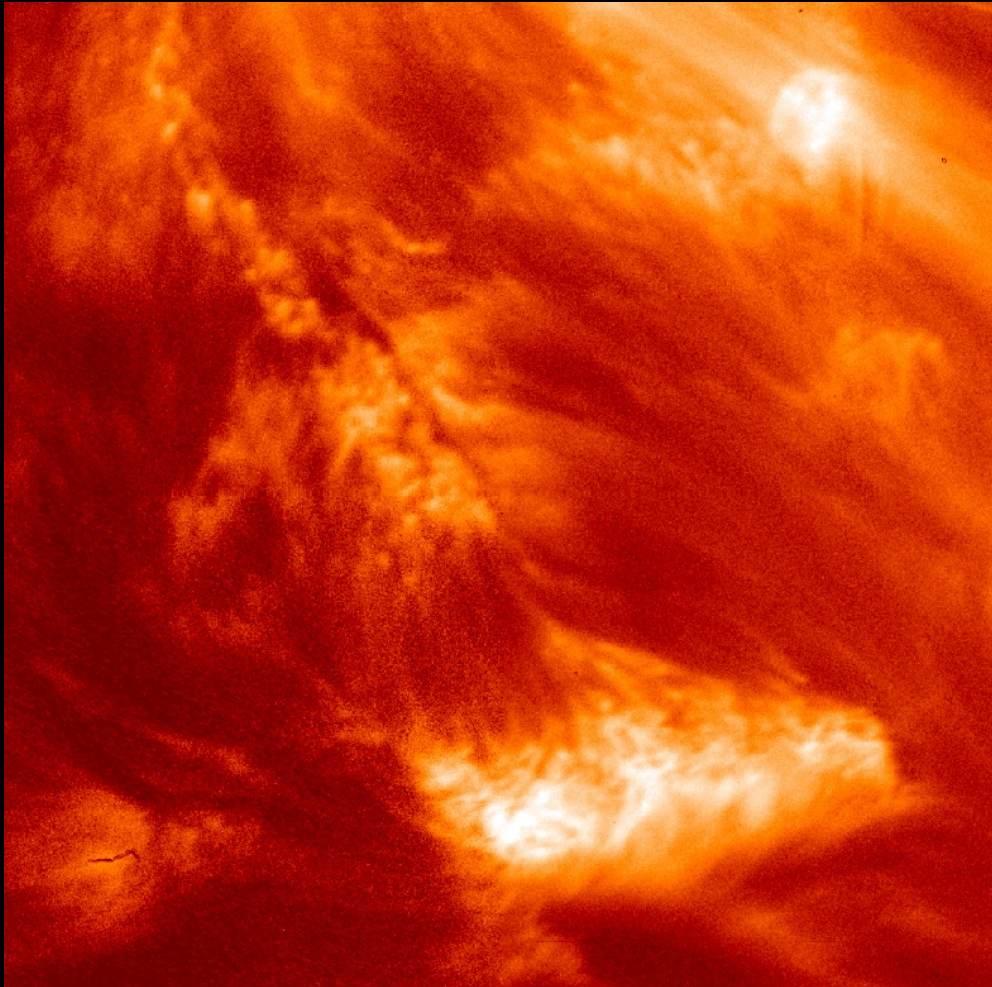


Small-Scale Magnetics Structures in the Sun's Corona Observed by Hi-C

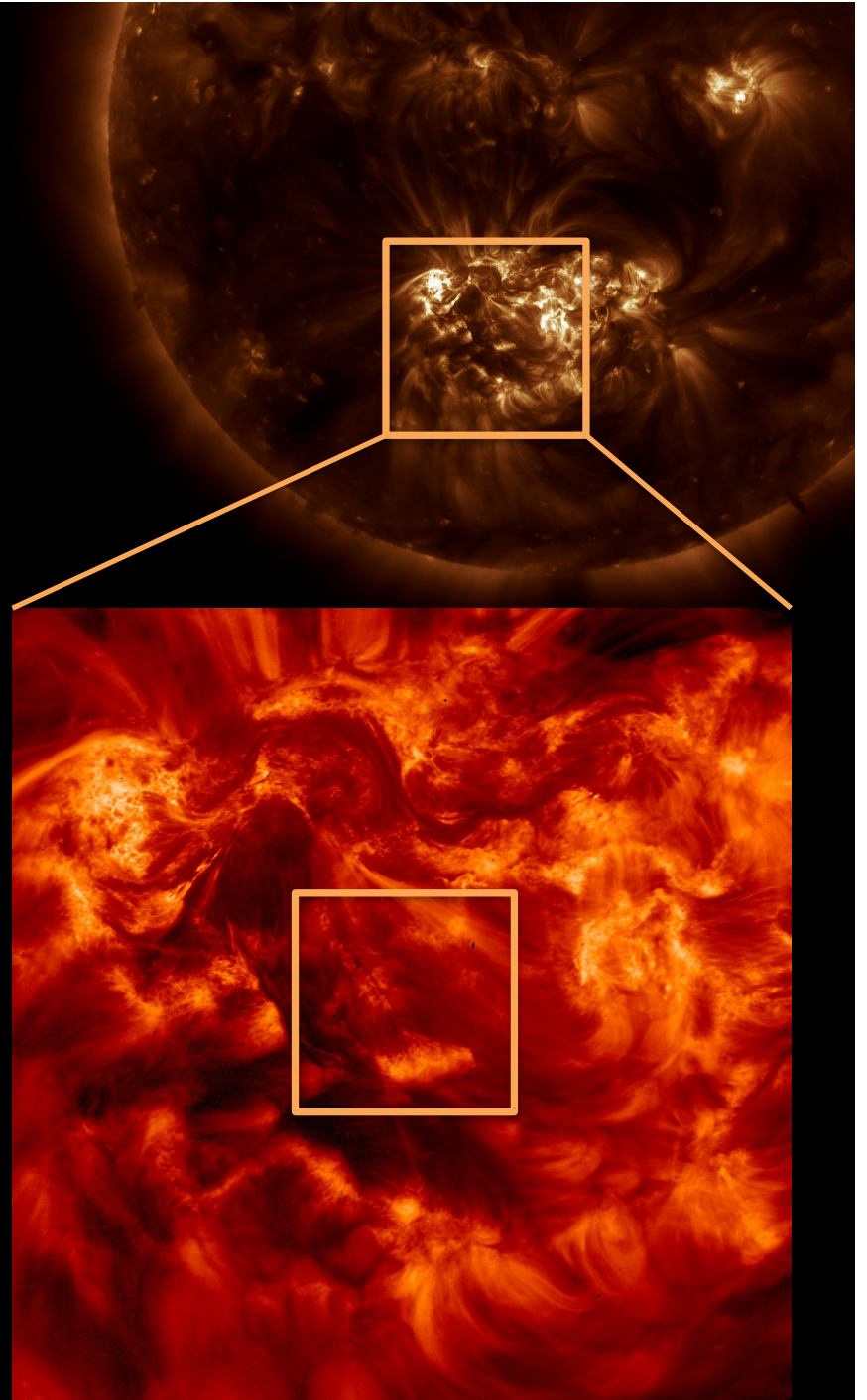
J. Douglas, C. Alexander,
S. Savage & A. Winebarger

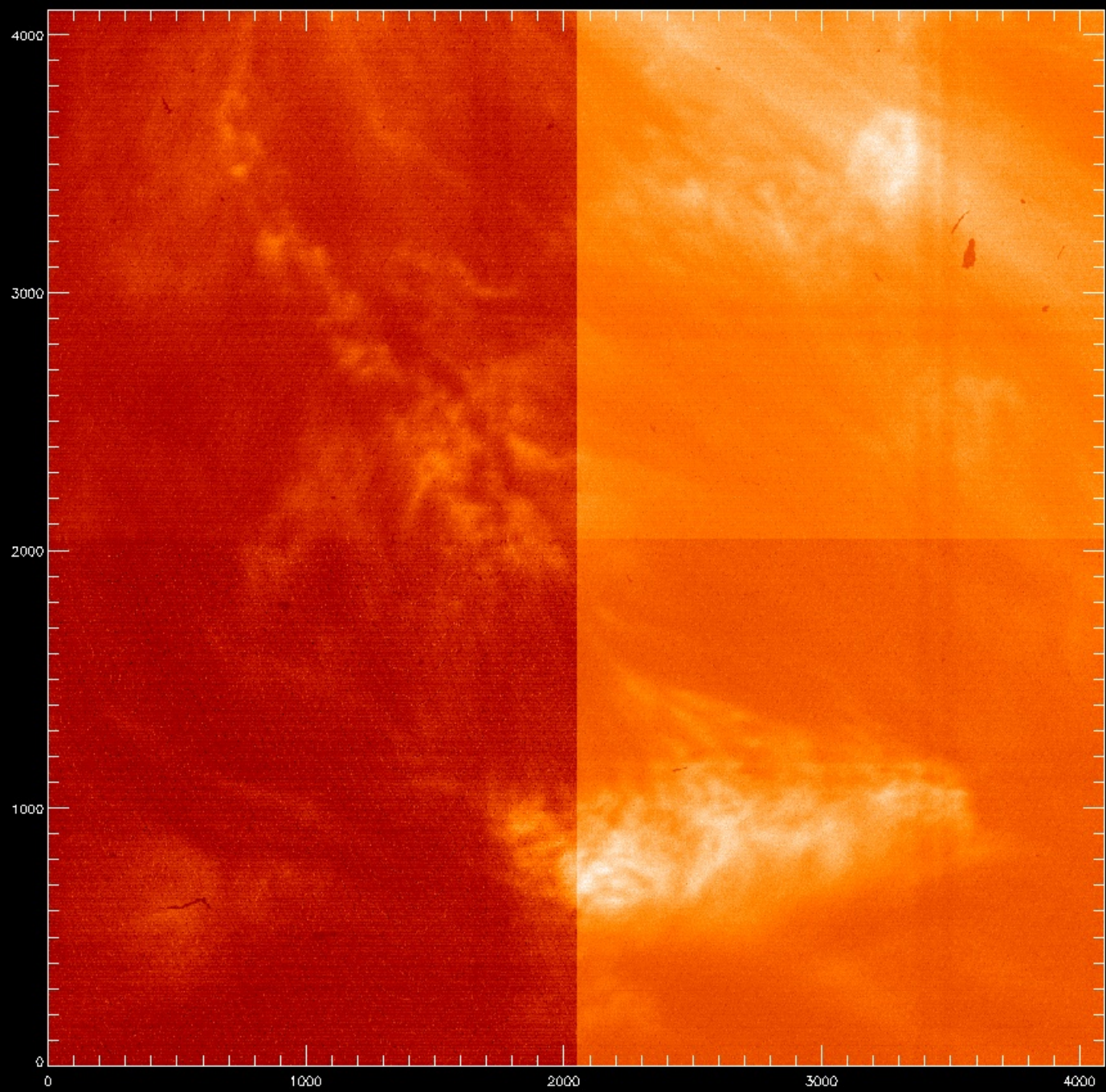


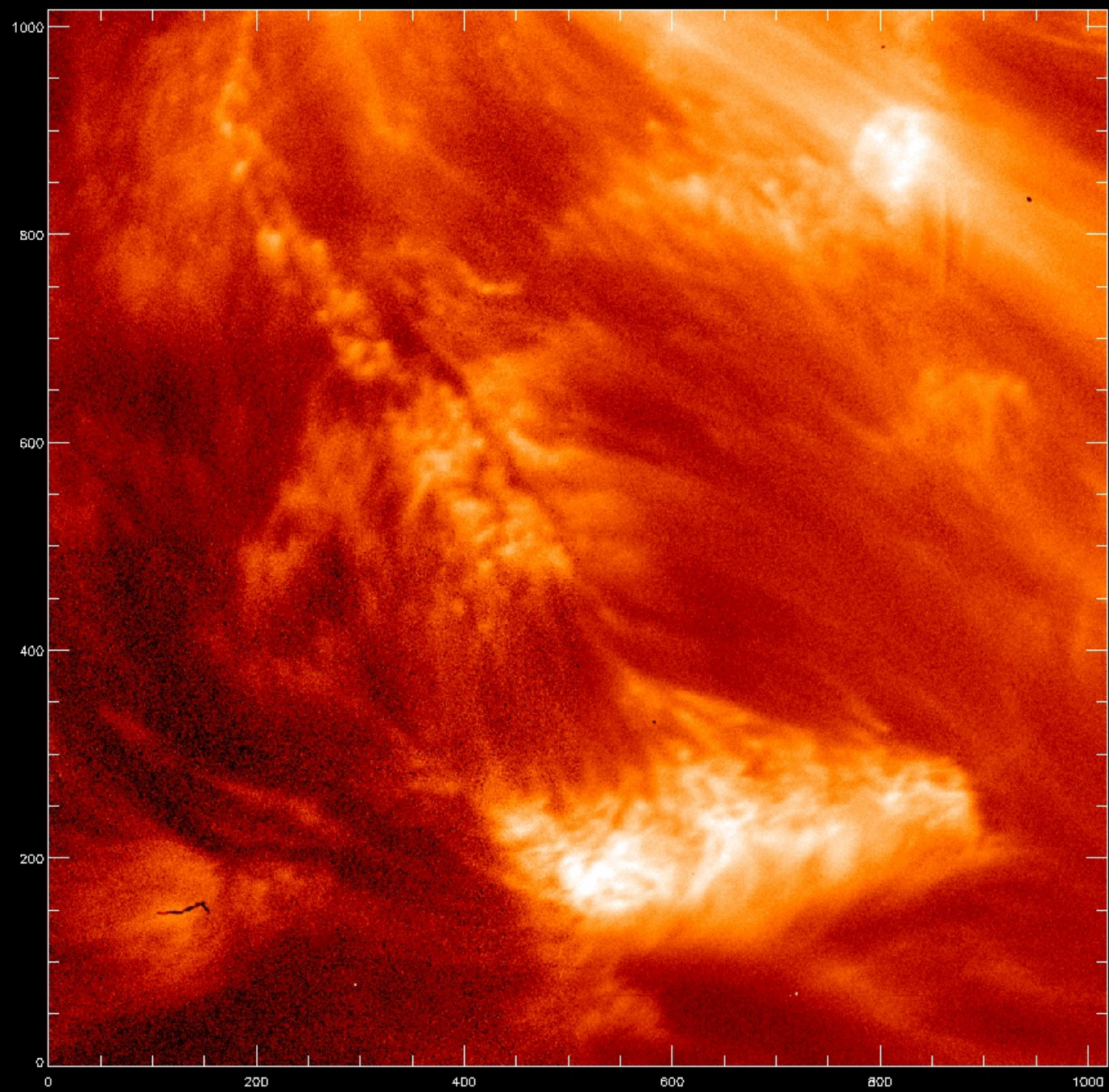
Hi-C 1k x 1k data

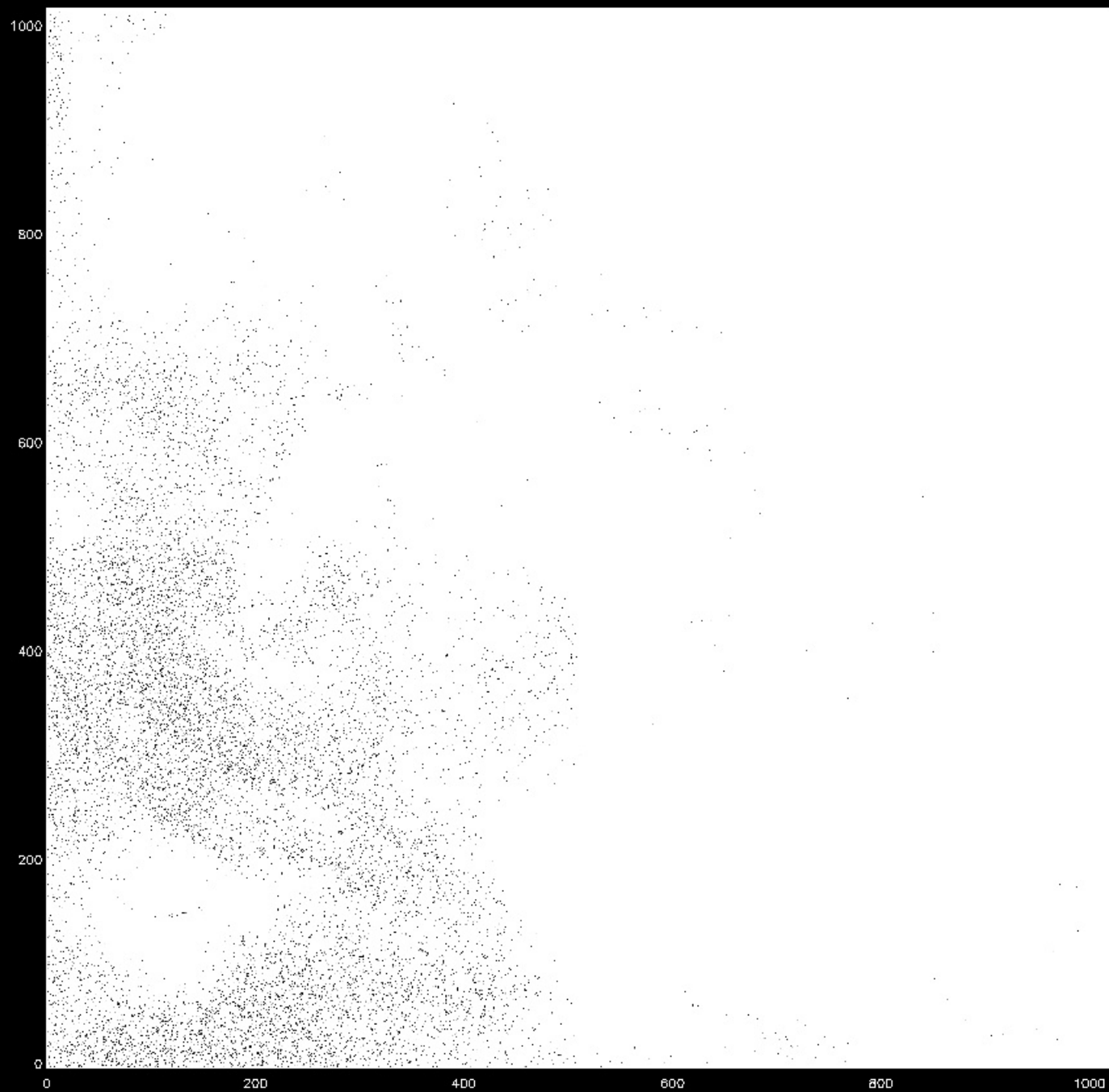


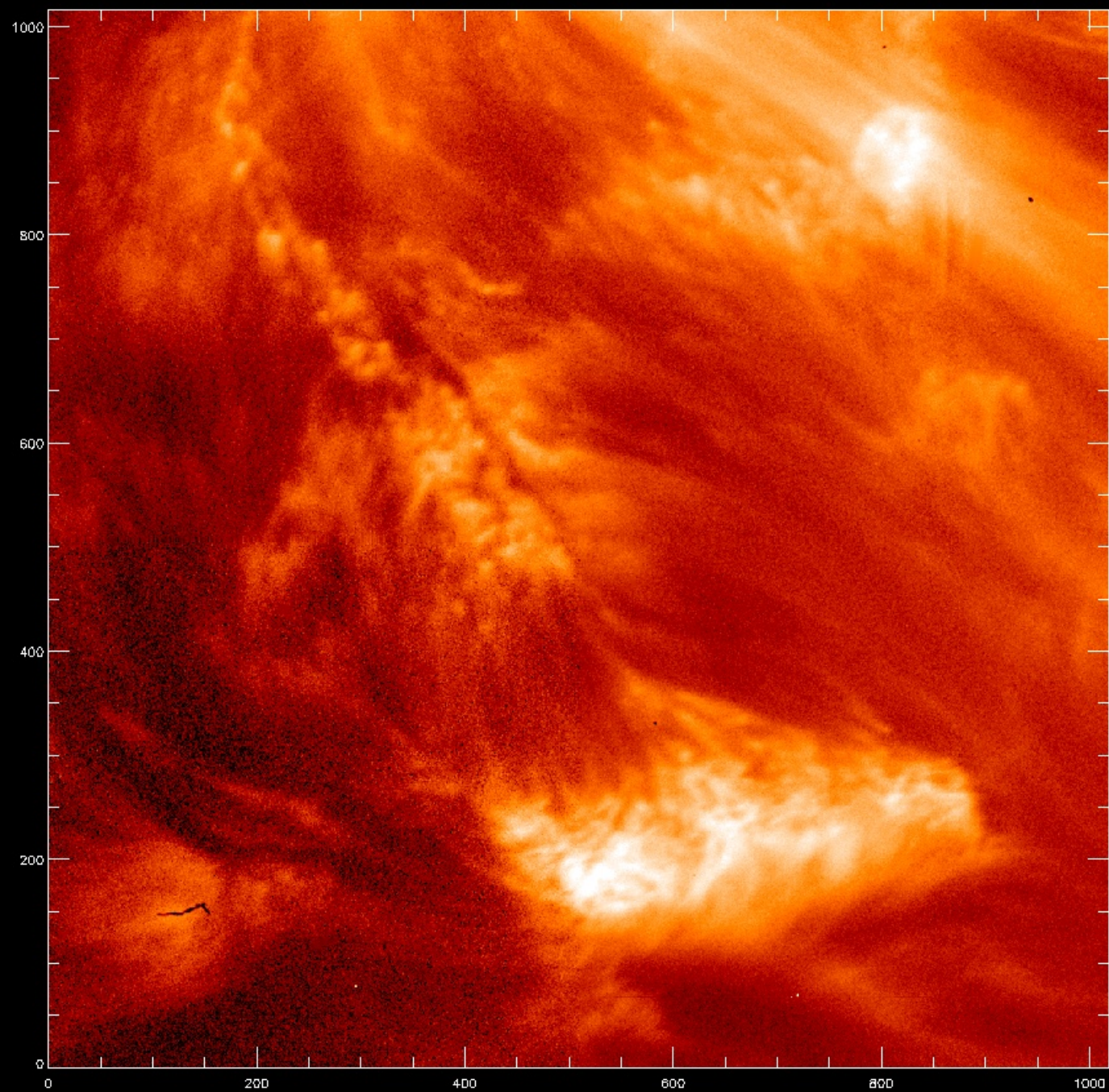
FOV: $105 \times 105''$
Cadence: $\sim 5.5\text{s}$
Resolution: $\sim 0.2\text{-}0.3''$

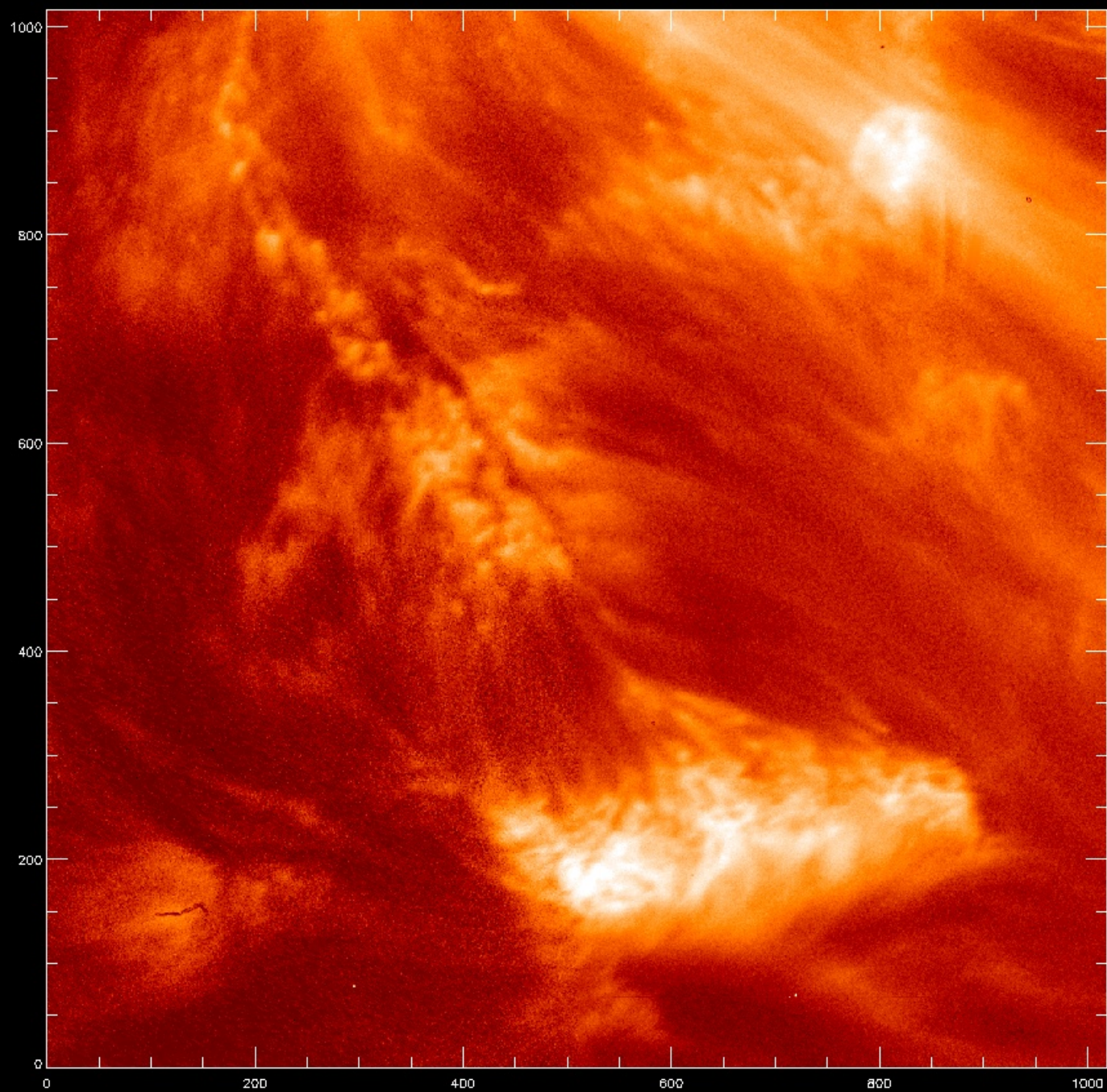


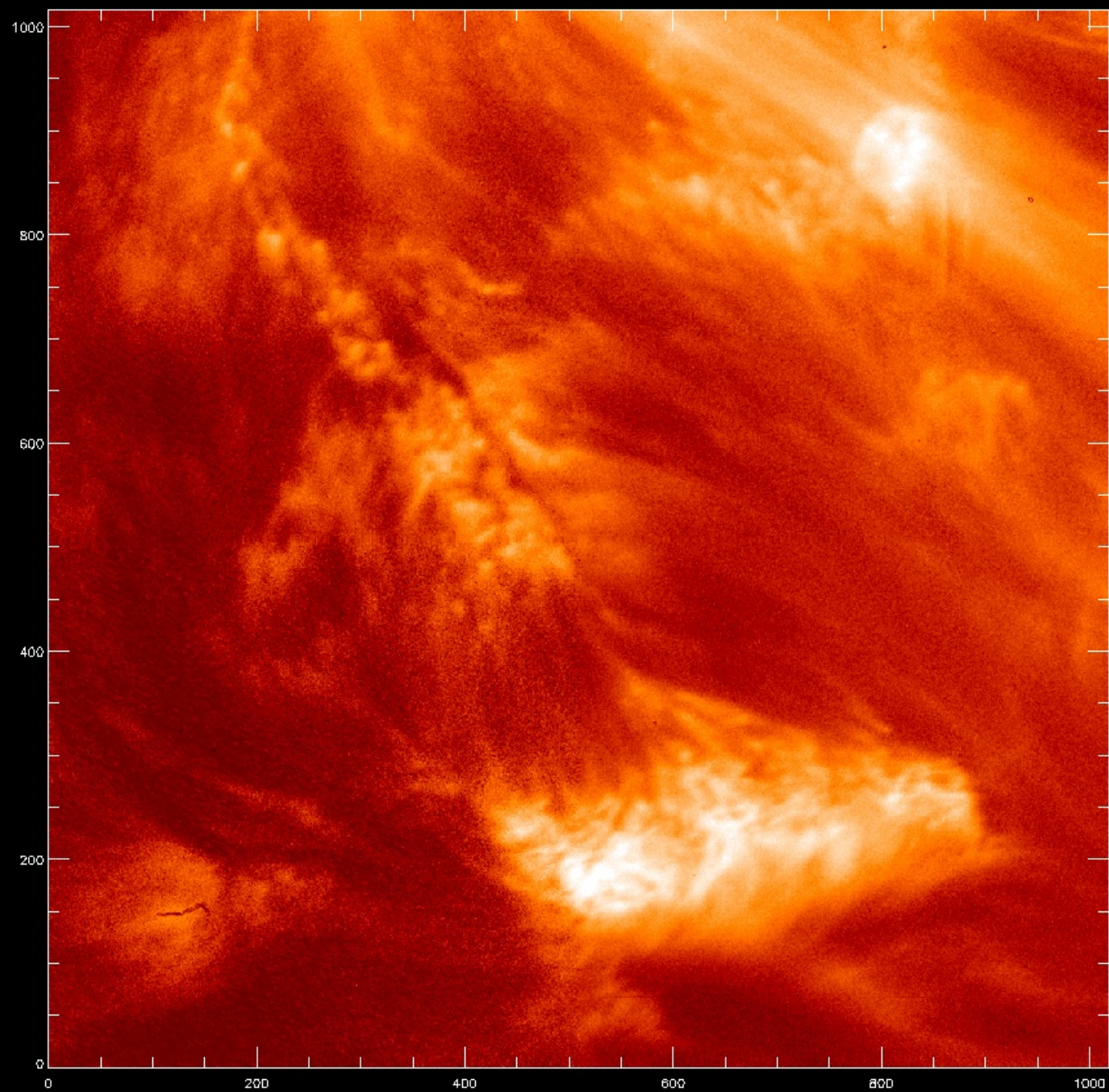


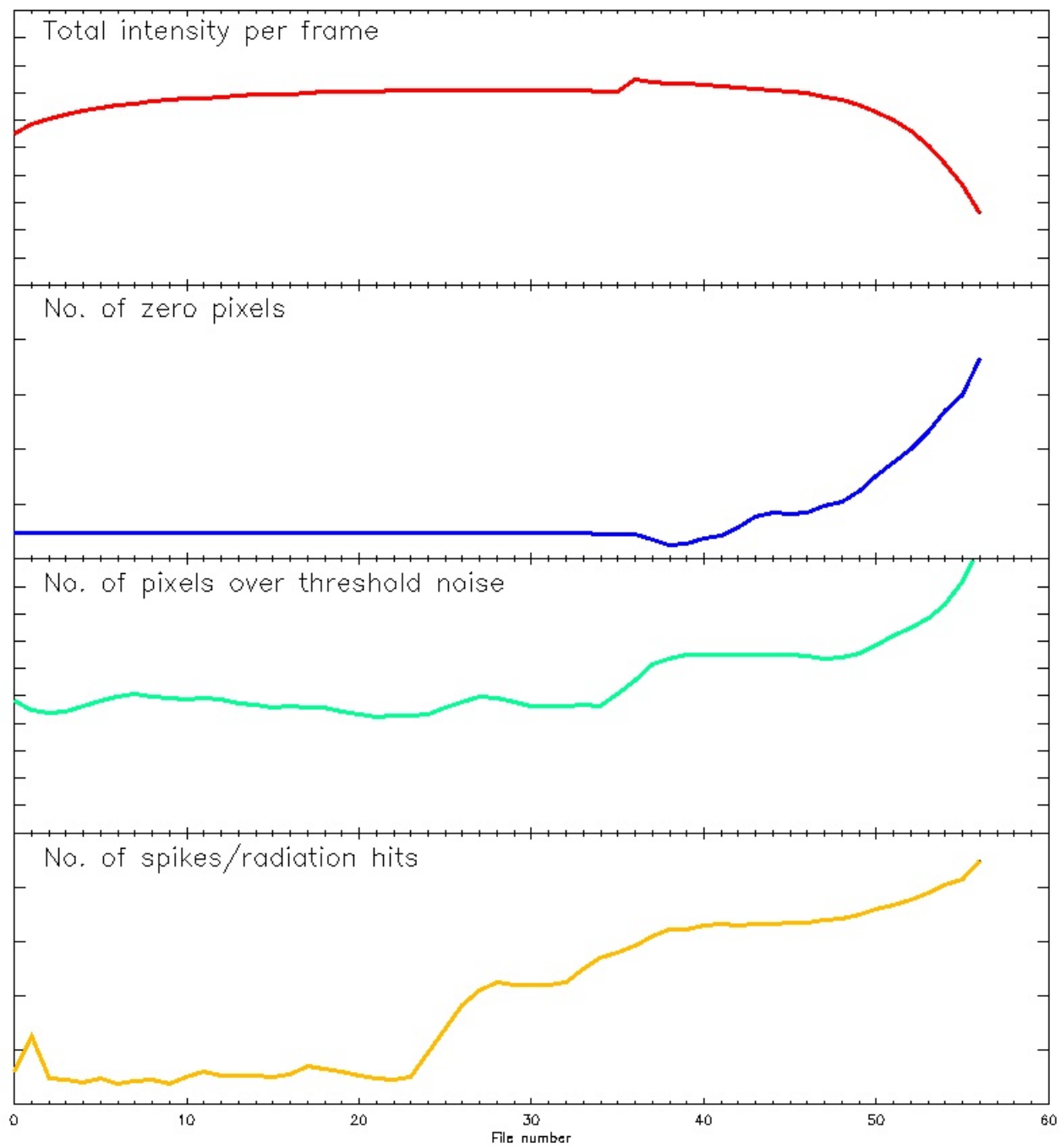




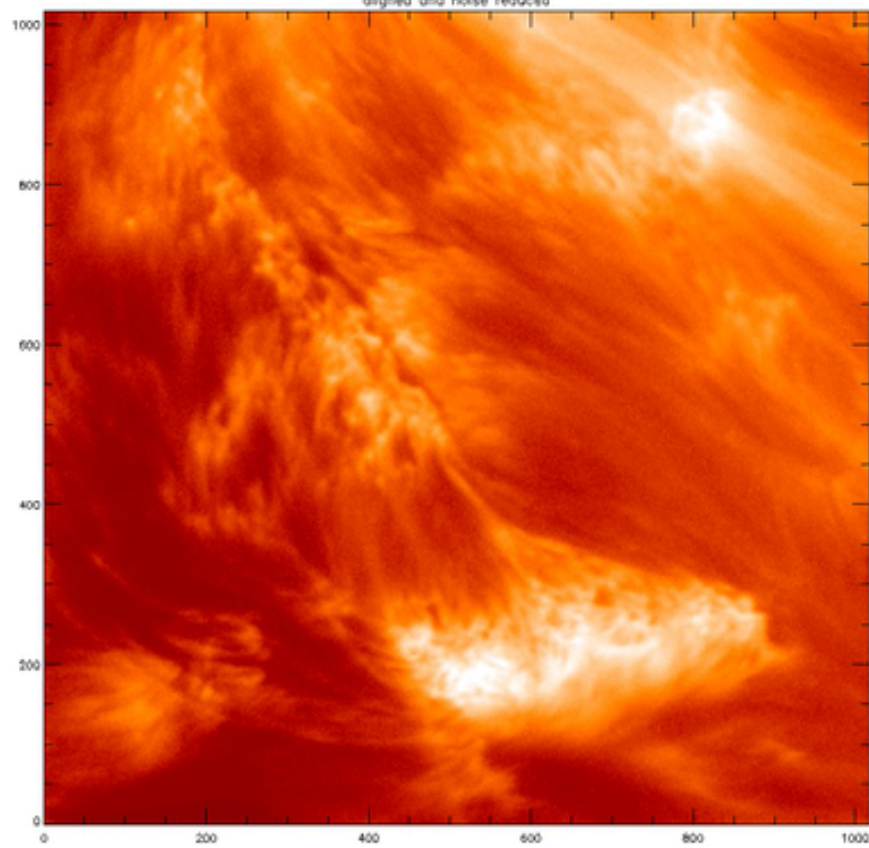




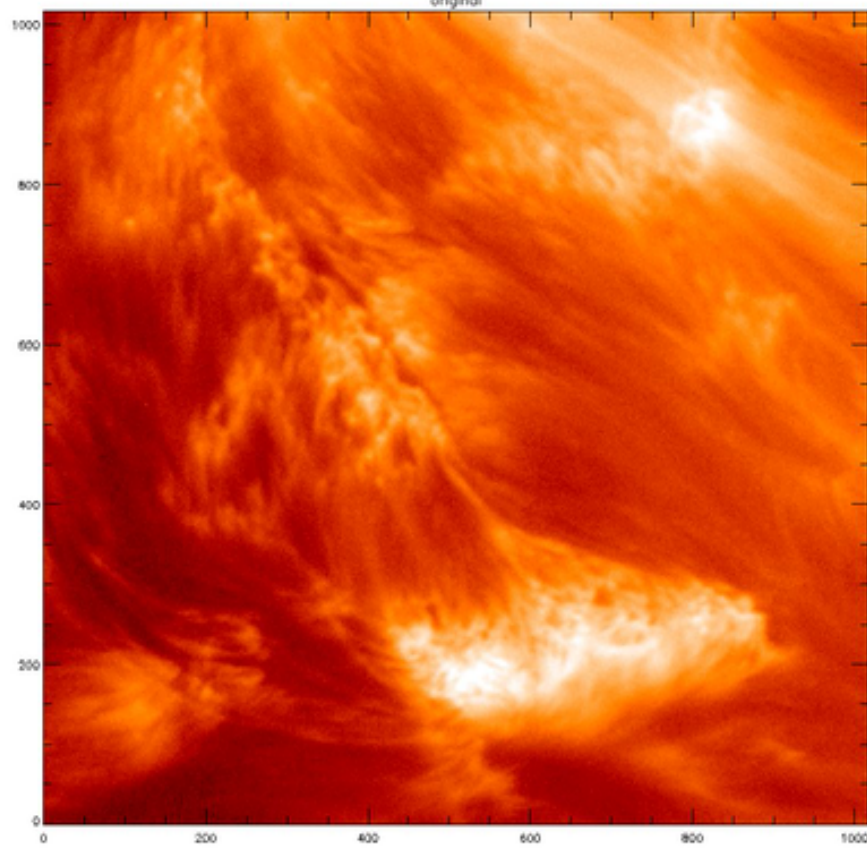


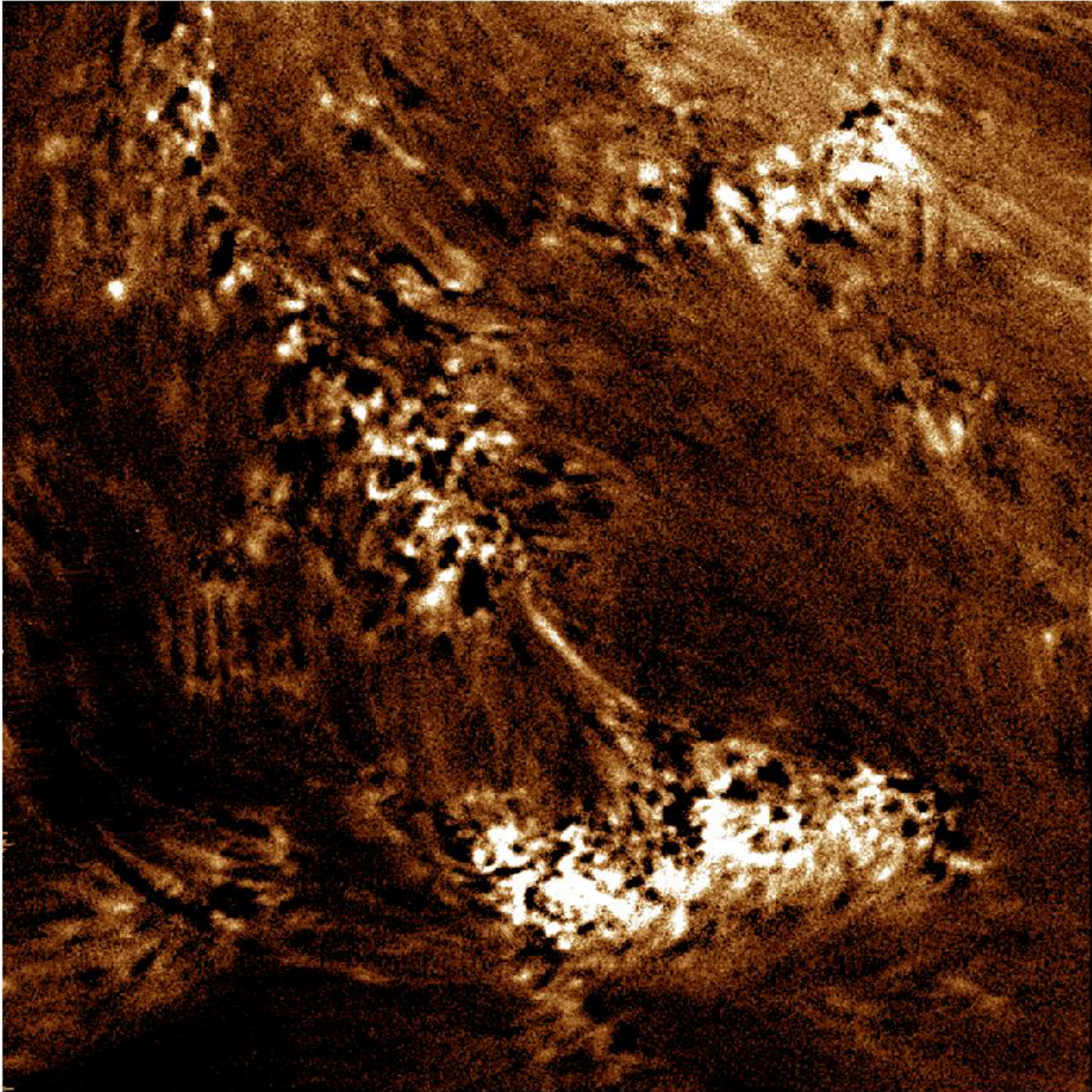


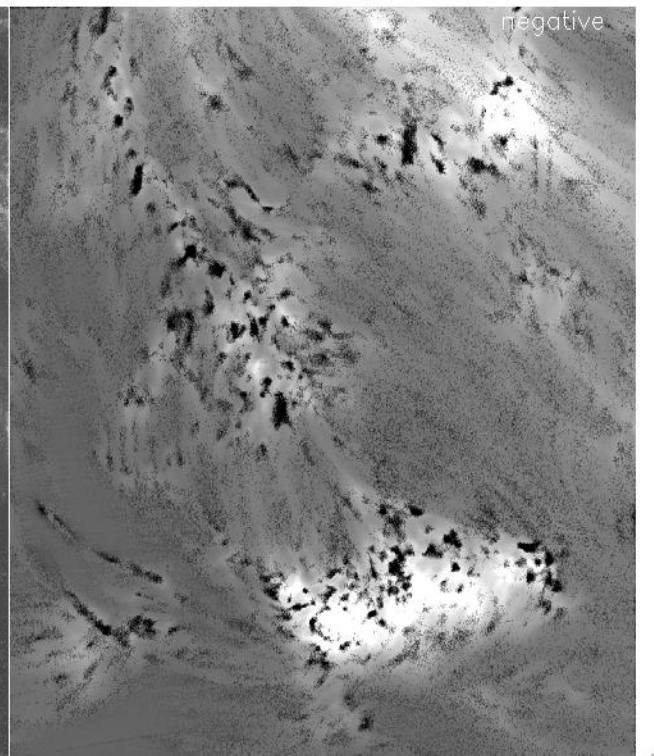
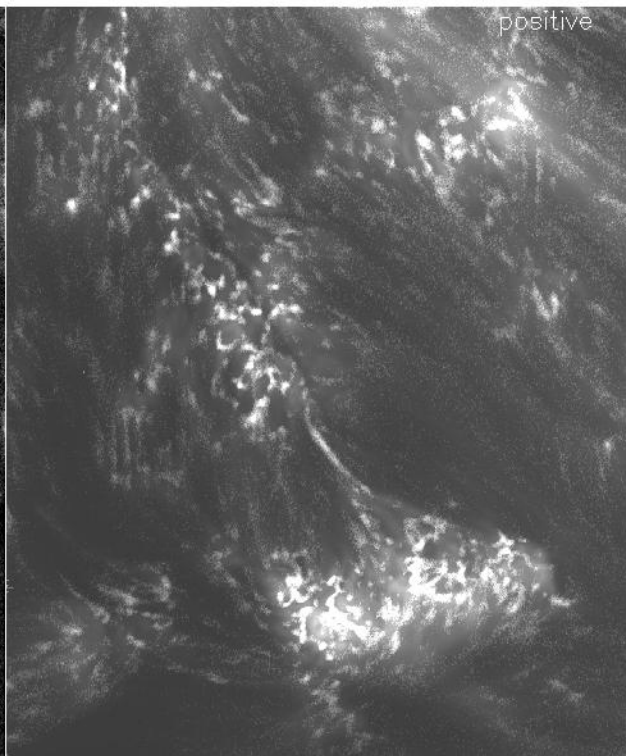
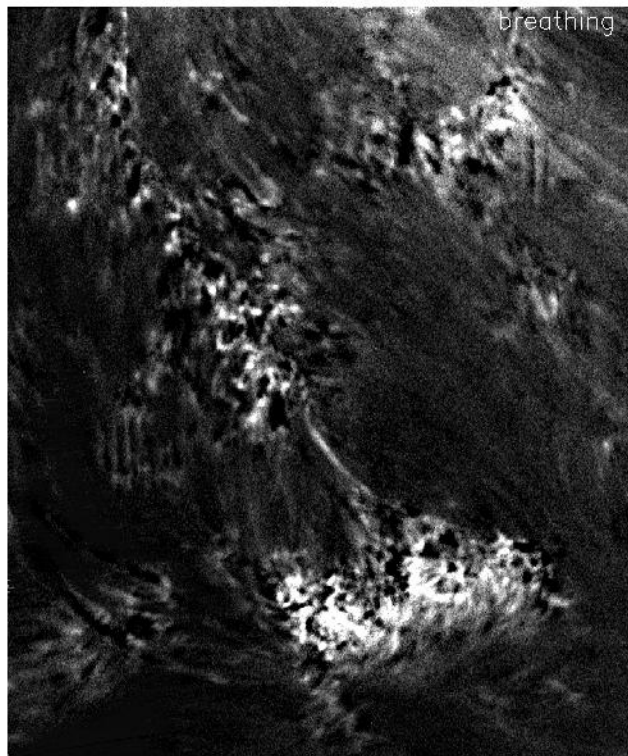
aligned and noise reduced

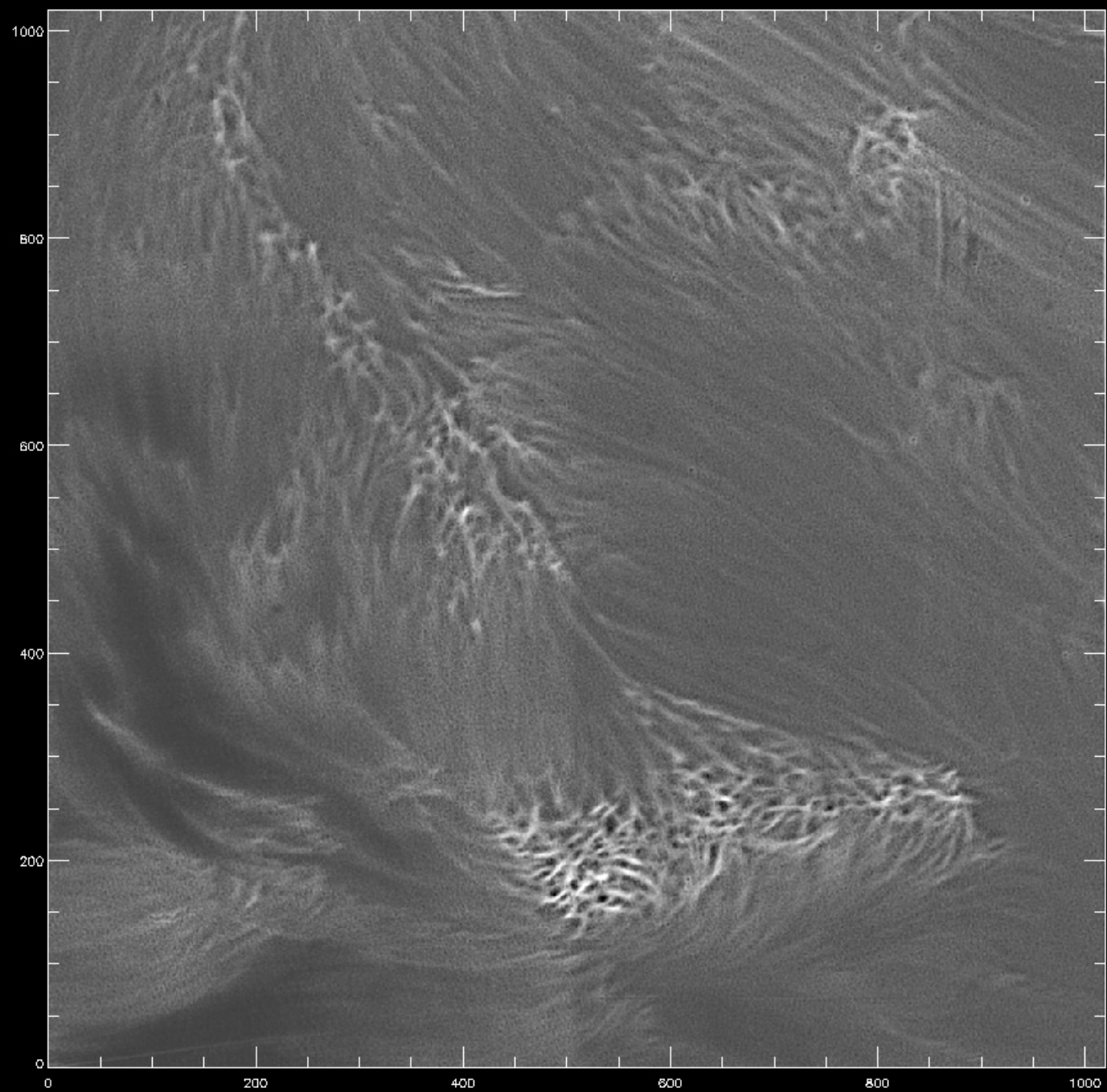


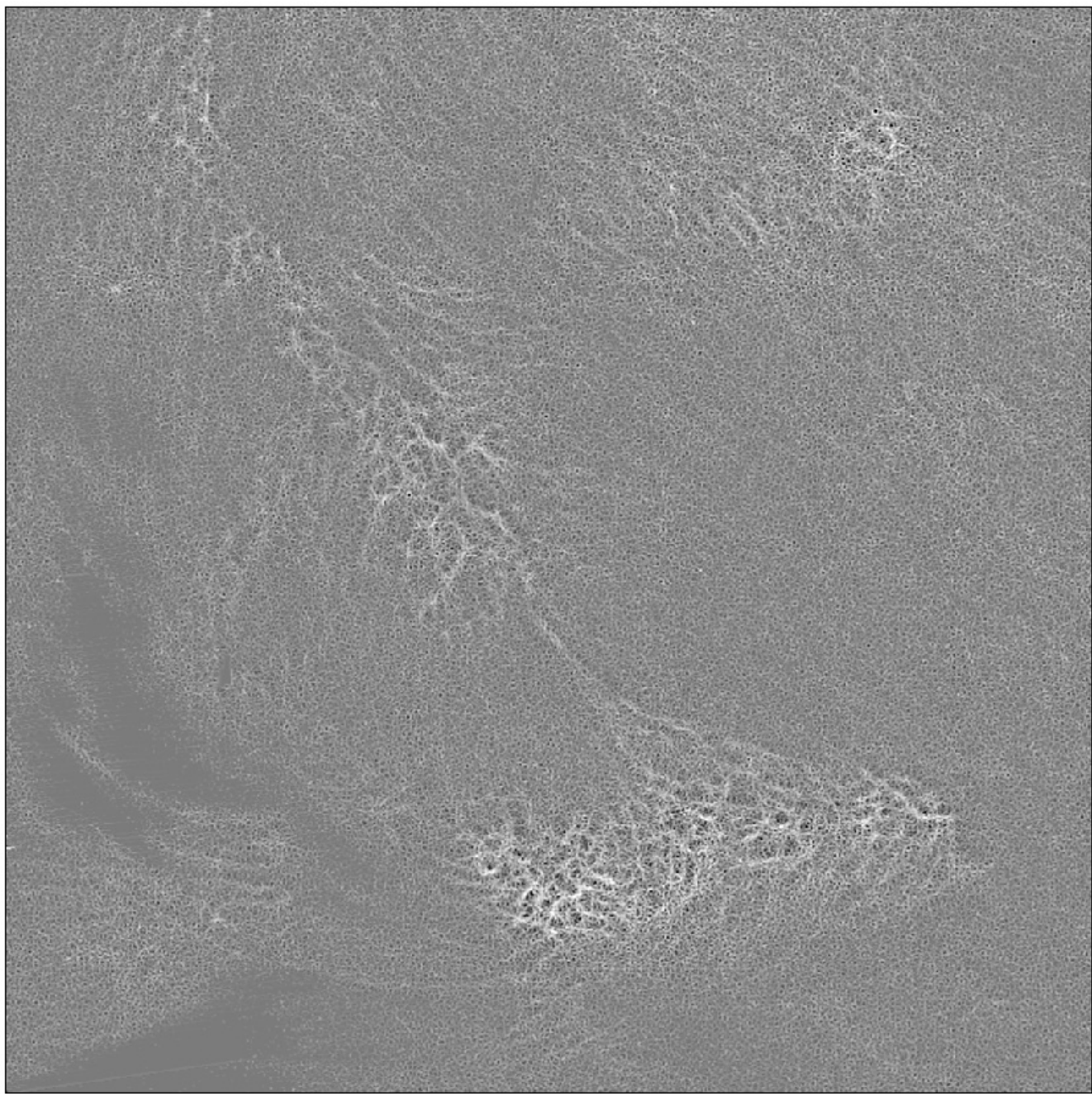
original



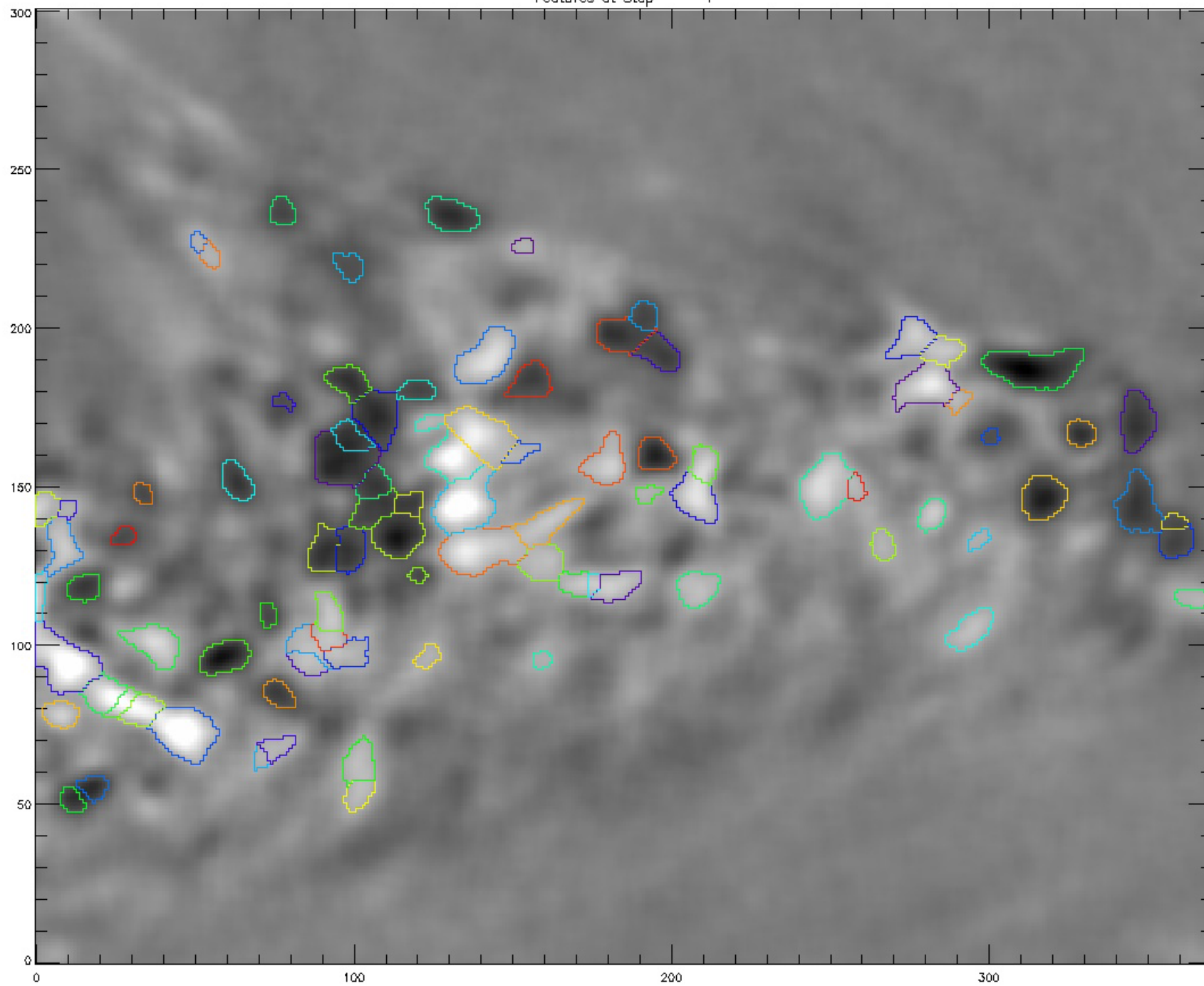


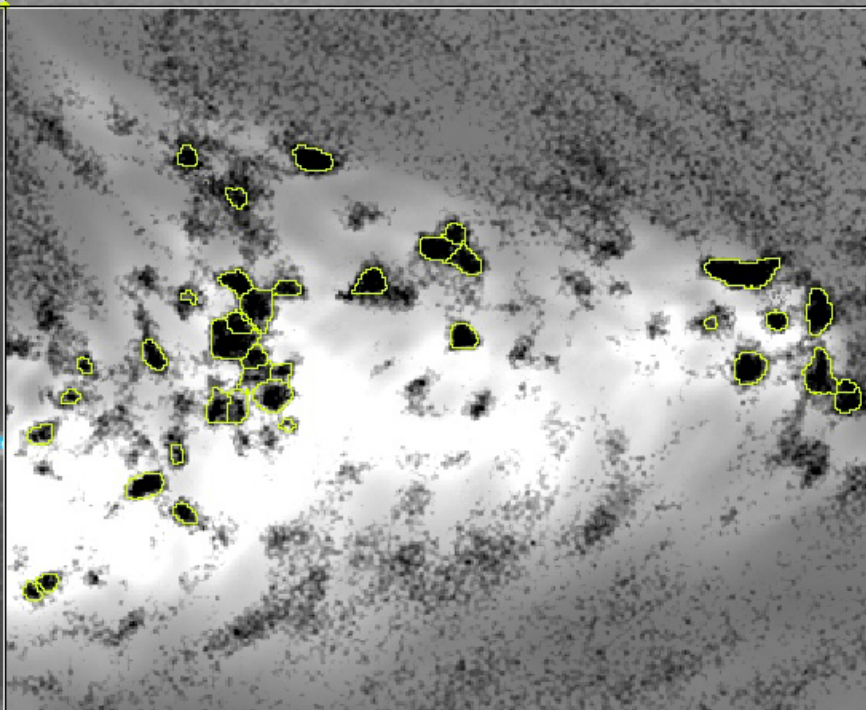
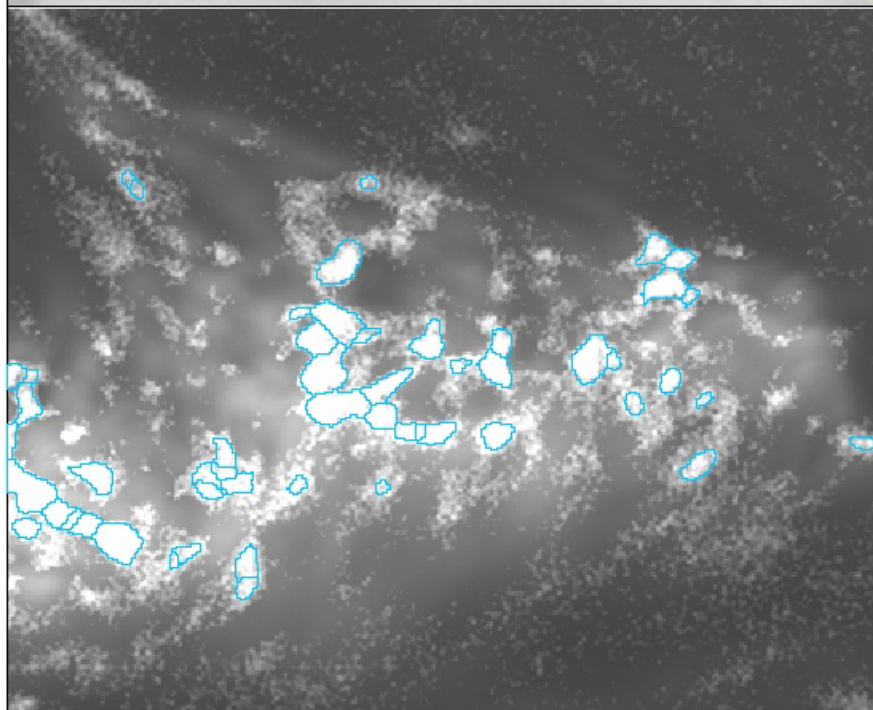
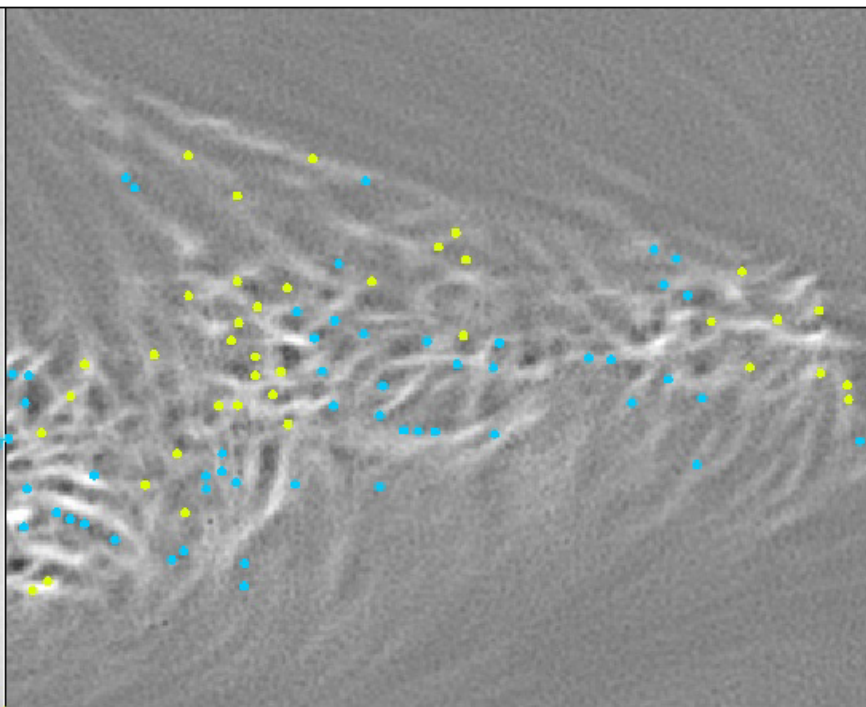
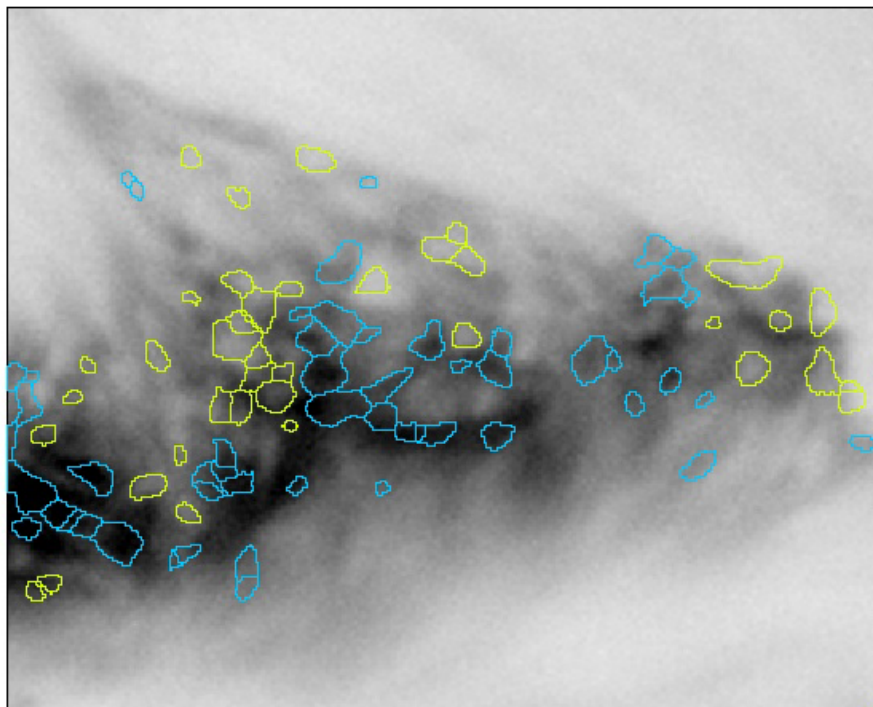






Features at Step 1





Future Work

- Measure velocities of flows
- Study lifetime vs size of features
- Relate to magnetic flux changes using SDO/HMI
- Look for signatures in other wavelengths using SDO/AIA
- Study relation to granules and other small-scale photospheric/chromospheric features
- Expand study to full Hi-C field-of-view